



## Links among human health, animal health, and ecosystem health

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### Abstract:

In the face of growing world human and animal populations and rapid environmental change, the linkages between human, animal, and environmental health are becoming more evident. Because animals and humans have shared risk to health from changing environments, it seems logical to expand the perspective of public health beyond a single species to detect and manage emerging public health threats. Mitigating the effects of climate change, emerging pathogens, toxicant releases, and changes in the built environment requires a retooling of global public health resources and capabilities across multiple species. Furthermore, human and animal health professionals must overcome specific barriers to interprofessional collaboration to implement needed health strategies. This review outlines the relationships between human, animal, and ecosystem health and the public health challenges and opportunities that these links present.

**Source:** <http://dx.doi.org/10.1146/annurev-publhealth-031912-114426>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Food/Water Quality, Food/Water Security, Other Exposure

**Food/Water Quality:** Biotoxin/Algal Bloom, Pathogen

#### Geographic Feature:

resource focuses on specific type of geography

General Geographical Feature

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease

**Infectious Disease:** General Infectious Disease

# Climate Change and Human Health Literature Portal

## Medical Community Engagement:

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

## Resource Type:

format or standard characteristic of resource

Review

## Timescale:

time period studied

Time Scale Unspecified